

WHAT IS CLAIMED IS:

1. A communication system capable of outputting data selected by an information processing device on a user side from data to be supplied to an information  
5 processing device on a supplier side, comprising:

an output device including data request means for requesting the information processing device on the supplier side to send the data selected by said information processing device on the user side; and

10 an information processing device on a supplier side including:

determination means for determining a type of the output device in which the request is made by said request means; and

15 a controller for controlling the transmission of the data to said output device in response to the determination by said determination means;

wherein said output device communicates with said information processing device on the supplier side by  
20 connection independent of said information processing device on the user side.

2. The communication system according to Claim 1, wherein said output device includes transmission means  
25 for sending, to said information processing device on the supplier, charge information in response to an output of the data selected by said information

processing device on the user side.

3. The communication system according to Claim 2,  
wherein said output device including;

5 charge information storage means for storing said  
charge information; and

deletion means for deleting said charge  
information from said charge information storage means  
after having sent said charge information to said  
10 information processing device on the supplier side in  
case that a power-off operation of said output device  
has been detected.

4. The communication system according to Claim 1,  
15 wherein said output device including;

data storage means for storing the data received  
from said information processing device on the supplier  
side that said formation processing device on the user  
side has selected;

20 deletion means for deleting said data from said  
data storage means in case that the data has been  
stored in said storage means for a predetermined time,  
or in case that the power-off operation of said output  
device has been detected.

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5. The communication system according to Claim 1,  
wherein said determination means determines if said

output device is a type of the output device having a predetermined function.

6. The communication system according to Claim 1,  
5 further comprising:

an information processing device on a manager side including management means for registering and managing said output device;

wherein said determination means determines if  
10 said output device has been registered by said management means.

7. The communication system according to Claim 6,  
wherein said information processing device on the  
15 manager side is included in said information processing device on the supplier side.

8. The communication system according to Claim 1,  
wherein said determination means determines the type of  
20 the device connected to said information processing device on the supplier side, and said controller sends information for causing the data to supplied to be selected if it is determined that said connected device is the information processing device and sends to said  
25 output device the data designated by said information processing device on the user side if it is determined that said connected device is the type of the output

device having a predetermined function.

9. An information processing device on a supplier side that supplies the data, comprising:

5           determination means for determining the type of  
the device that requests the transmission of the data  
selected by the information processing device on the  
user side on based on product data including  
information on the data selected by the information  
10          processing device on the user side; and

          a controller for controlling the transmission of  
the data to said output device in response to the  
determination by said determination means;

          wherein said output device communicates with said  
15          information processing device on the supplier side by  
the connection independent of said information  
processing device on the user side.

10. The information processing device on the  
20          supplier side according to Claim 9, wherein said  
determination means determines the type of the device  
connected to said information processing device on the  
supplier side, and said controller sends information  
for causing the data to be supplied to be selected if  
25          it is determined that said connected device is the  
information processing device and sends to said output  
device the data designated by said information

processing device on the user side if it is determined that said connected device is the type of the output device having a predetermined function.

5           11. An output device capable of communicating with an information processing device on a supplier side that supplies data and an information processing device on a user side that selects said supplied data, comprising:

10           reception means for receiving product data including information on the data selected by said information processing device on the user side;

            connection means for connecting to said information processing device on the supplier side  
15 independent of said information processing device on the user side;

            data request means for notifying an identifier indicating the type of said output device via the connection by said connection means and for  
20 simultaneously requesting said information processing device on the supplier side to send the data based on said received product data; and

            output means for outputting the data sent from said information processing device on the supplier side in  
25 response to a result of having determined said identifier notified from said data request means.

12. The output device according to Claim 11,  
further comprising:

charge information transmission means for sending  
to said information processing device on the supplier  
5 side the charge information that has responded to the  
output of the data by said output means via the  
connection by said connection means.

13. The output device according to Claim 10,  
10 further comprising:

charge information storage means for storing said  
charge information; and

deletion means for deleting said charge  
information from said charge information storage means  
15 after said transmission has been executed by said  
charge information storage means, in case that the  
power-off operation has been detected.

14. The output device according to Claim 11,  
20 further comprising:

data storage means for storing the data received  
from said information processing device on the supplier  
side; and

deletion means for deleting said data from said  
25 data storage means in case that the data has been  
stored in said storage means for a predetermined time,  
or in case that the power-off operation of said output

device has been detected.

15. A communication system including an  
information processing device on a supplier side that  
5 supplies data, an information processing device on a  
user side capable of selecting said data to be supplied  
and an output device capable of outputting said  
selected data, comprising:

an information processing device on a user side  
10 including instruction means for instructing said output  
device to output the data selected from the data that  
said information processing device on the supplier side  
supplies;

connection means for connecting to said  
15 information processing device on the supplier side  
independent of said information processing device on  
the user side;

reception means for receiving the data instructed  
by said instruction means from said information  
20 processing device on the supplier side via the  
connection by said connection means; and

transmission means for sending to said information  
processing device on the supplier side charge via the  
connection by said connection means information that  
25 responded to the output of the data received from said  
reception means.

16. The communication system according to Claim 15, wherein said output device includes:

charge information storage means for storing said charge information; and

5 deletion means for deleting said charge information from said charge information storage means after said charge information has been sent to said information processing device on the supplier side, in case that the power-off operation has been detected.

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17. The communication system according to Claim 15, wherein said output device includes:

15 data storage means for storing the data received from said information processing device on the supplier side that said information processing device on the user side has selected; and

20 deletion means for deleting said data from said data storage means in case that the data has been stored in said storage means for a predetermined time, or in case that the power-off operation of said output device has been detected.

18. The communication system according to Claim 15, wherein the information processing device on the 25 supplier side includes:

determination means for determining the connected device; and



a controller for controlling so as to send information for causing the data to be supplied to be selected if it is determined by said determination means that the connected device is the information processing device and to send to said output device the data selected by said information processing device on the user side if it is determined that said device is the output device.

10           19. The communication system according to Claim 18, wherein said determination means determines if said device is the type of the output device having a predetermined function, in case that said device is the output device.

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20. The communication system according to Claim 15, further comprising:

an information processing device on a manager side including management means for registering and managing said output device;

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wherein said information processing device on the supplier side includes:

determination means for determining the connected device;

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a controller for controlling so as to send the data for causing the data to be supplied to be selected if it is determined by said determination means that

the device connected to said information processing device on the supplier side is the information processing device and to send to said output device the data selected by said device on the user side if it is  
5 determined that said device is the device registered by said management means.

21. The communication system according to Claim 20, wherein said information processing device on the  
10 manager side is included in said information processing device on the supplier side.

22. An output device capable of communicating with an information processing device on a supplier  
15 side that supplies data and an information processing device on a user side that selects said supplied data, comprising:

connection means for connecting to said information processing device on the supplier side  
20 independent of said information processing device on the user side;

reception means for receiving the data selected by said information processing device on the user side from said information processing device on the supplier  
25 side via the connection by said connection means; and

transmission means for sending to said information processing device on the supplier side the charge

information that has responded to the output of the data received from said reception means.

23. The output device according to Claim 22,  
5 further comprising:

charge information storage means for storing said charge information; and

10 deletion means for deleting said charge information from said charge information storage means after said transmission has been executed by said charge information transmission means, in case that the power-off operation of said output device has been detected.

15 24. The output device according to Claim 22, further comprising:

data storage means for storing the data received from said information processing device on the supplier side; and

20 deletion means for deleting said data from said data storage means in case that the data has been stored in said data storage means for a predetermined time, or in case that the power-off operation of said output device has been detected.

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25. A control method for controlling an information processing device on a supplier side that

supplies data, comprising:

5 a determination step for determining a type of a  
output device requesting the transmission of the data  
selected by said information processing device on the  
user side based on the product data including  
information on the data selected by said information  
processing device on the user side; and

10 a control step for controlling the transmission of  
the data to said output device in response to the  
determination in said determination step;

15 wherein said output device communicates with said  
information processing device on the supplier side by  
the connection independent of said information  
processing device on the user side.

20 26. A control method for controlling a output  
device capable of communicating with an information  
processing device on a supplier side that supplies data  
and an information processing device on a user side  
that selects said supplied data, comprising:

a reception step for receiving the product data  
including information on the data selected by said  
information processing device on the user side;

25 a connection step for connecting to said  
information processing device on the supplier side  
independent of said information processing device on  
the user side;

a data request step for notifying the identifier indicating the type of said output device via the connection in said connection step and for simultaneously requesting said information processing  
5 device on the supplier side to send the data based on said received product data; and  
an output step for outputting the data sent from said information processing device on the supplier side in response to a result of having determined said  
10 identifier notified in said data request step.

27. A control method for controlling a output device capable of communicating with an information processing device on a supplier side that supplies data  
15 and an information processing device on a user side that selects said supplied data, comprising:

a connection step for connecting to said information processing device on the supplier side independent of said information processing device on  
20 the user side;

a reception step for receiving the data selected by said device on the user side from said information processing device on the supplier side via the connection in said connection step; and

25 a transmission step for sending to said information processing device on the supplier side a charge information that has responded to the output of

the data received in said reception step.

28. A storage medium that has stored a program  
for controlling the information processing device on  
5 the supplier side that supplies data, said program  
comprising:

a determination step for determining the type of  
the output device requesting the transmission of the  
data selected by said information processing device on  
10 the user side based on the product data including  
information on the data selected by said information  
processing device on the user side; and

a control step for controlling the transmission of  
the data to said output device in response to the  
15 determination in said determination step;

wherein said output device communicates with said  
information processing device on the supplier side by  
the connection independent of said information  
processing device on the user side.

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29. A storage medium that has stored a program  
for controlling the output device capable of  
communicating with the information processing device on  
the supplier side that supplies the data and the  
25 information processing device on the user side that  
selects said supplied data, said program comprising:

a reception step for receiving the product data

including information on the data selected by said  
information processing device on the user side from  
said information processing device on the user side;

5 a connection step for connecting to said  
information processing device on the supplier side  
independent of said information processing device on  
the user side;

10 a data request step for notifying the identifier  
indicating the type of said output device via the  
connection in said connection step and for  
simultaneously requesting said information processing  
device on the supplier side to send the data based on  
said received product data; and  
an output step for outputting the data sent from said  
15 information processing device on the supplier side in  
response to a result of having determined said  
identifier notified in said data request step.

20 30. A storage medium that has stored a program  
for controlling the output device capable of  
communicating with the information processing device on  
the supplier side that supplies the data and the  
information processing device on the user side that  
selects said supplied data, said program comprising:

25 a connection step for connecting to said  
information processing device on the supplier side  
independent of said information processing device on

the user side;

5 a reception step for receiving the data selected  
by said information processing device on the user side  
from said information processing device on the user  
side via the connection in the said connection step;

10 transmission means for sending to said information  
processing device on the supplier side the charge  
information that has responded to the output of the  
data received from said reception means via the  
connection in said connection step.